

# Prof. GÜLÇİN KAYMAK KARATAŞ

## Personal Information

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## Education Information

Expertise In Medicine, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1991 - 1996

Under Graduate, Hacettepe University, Tıp Fakültesi, Turkey 1985 - 1991

## Foreign Languages

English, C1 Advanced

## Research Areas

Health Sciences

## Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2009 - Continues

Associate Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2003 - 2009

Assistant Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2000 - 2003

Lecturer PhD, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1996 - 2000

Research Assistant, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1991 - 1996

## Professional Experience

Head of Department, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2019 - Continues

## Advising Theses

KARATAŞ G. K. , Diz osteoartritinde dizlik kullanımının denge üzerine etkisi, Expertise In Medicine, C.AKÇAY(Student), 2016

KARATAŞ G. K. , Effects of postural changes on balance due to ankylosing spondylitis, Expertise In Medicine, E.BALEVÍ(Student), 2013

KARATAŞ G. K. , The effect of virtual reality exercises with Nintendo Wii system on balance in hemiplegia patients: Randomized controlled trial, Expertise In Medicine, A.UTKAN(Student), 2011

KARATAŞ G. K. , Diz üzerine binen mekanik yükün azaltılmasının osteoartritte yürüme üzerine olan etkisi, Expertise In Medicine, A.AKSU(Student), 2007

KARATAŞ G. K. , Hemiplejik hastalarda omuz askısı kullanımının denge üzerine etkisi, Expertise In Medicine, M.ACAR(Student), 2005

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **What are the factors affecting dual-task gait performance in people after stroke?**  
Muci B., KESER İ., Meric A., KARATAŞ G. K.  
PHYSIOTHERAPY THEORY AND PRACTICE, 2020 (Journal Indexed in SCI)
- II. **A novel approach to the diagnostic assessment of carpal tunnel syndrome based on the frequency domain of the compound muscle action potential**  
Alcan V., Kaya H., ZİNNUROĞLU M., KARATAŞ G. K. , Canal M. R.  
BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK, vol.65, no.1, pp.61-71, 2020 (Journal Indexed in SCI)
- III. **Does hand grip strength decrease in chronic obstructive pulmonary disease exacerbation? A cross-sectional study**  
Turan Z., Ozyemisci Taskiran Z., Erden Z., KÖKTÜRK N., Kaymak Karatas G. K.  
Turkish journal of medical sciences, vol.49, no.3, pp.802-808, 2019 (Journal Indexed in SCI Expanded)
- IV. **Validity and reliability of fatigue severity scale in stroke**  
Ozyemisci-Taskiran O., Batur E. B. , YÜKSEL S., Cengiz M., KARATAŞ G. K.  
TOPICS IN STROKE REHABILITATION, vol.26, no.2, pp.122-127, 2019 (Journal Indexed in SCI)
- V. **Effects of different percentages of body weight-supported treadmill training in Parkinson's disease: a double-blind randomized controlled trial**  
Atan T., Taskiran O. O. , Tokcaer A. B. , KARATAŞ G. K. , Casliskan A. K. , KARAOĞLAN B.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.49, no.4, pp.999-1007, 2019 (Journal Indexed in SCI)
- VI. **Bilateral pan-plexus lesion after substance use: A case report**  
Buyuksireci D. E. , Polat M., ZİNNUROĞLU M., CENGİZ B., KARATAŞ G. K.  
TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.65, no.4, pp.411-414, 2019 (Journal Indexed in SCI)
- VII. **Comparison of Interpolation Methods in the Diagnosis of Carpal Tunnel Syndrome**  
Alcan V., ZİNNUROĞLU M., KARATAŞ G. K. , Bodofsky E.  
BALKAN MEDICAL JOURNAL, vol.35, no.5, pp.378-383, 2018 (Journal Indexed in SCI)
- VIII. **Effectiveness of Wii-based rehabilitation in stroke: A randomized controlled study.**  
Utkan Karasu A., Balevi Batur E., Kaymak Karatas G. K.  
Journal of rehabilitation medicine, vol.50, no.5, pp.406-412, 2018 (Journal Indexed in SCI Expanded)
- IX. **Do postural changes affect balance in patients with ankylosing spondylitis?**  
Balevi Batur E., Kaymak Karatas G. K.  
Journal of rehabilitation medicine, vol.49, no.5, pp.437-440, 2017 (Journal Indexed in SCI Expanded)
- X. **Is there any association between cognitive status and functional capacity during exacerbation of chronic obstructive pulmonary disease?**  
Ozyemisci-Taskiran O., Bozkurt S. O. , KÖKTÜRK N., KARATAŞ G. K.  
CHRONIC RESPIRATORY DISEASE, vol.12, no.3, pp.247-255, 2015 (Journal Indexed in SCI)
- XI. **Burden of chronic low back pain in the Turkish population Kronik bel ağrısının Türk toplumuna maliyeti**  
Icagasioglu A., Yumusakhuyly Y., Ketenci A., Toraman N. F. , Kaymak Karatas G. K. , Kuru O., KİRAZLI Y., ÇAPACI K., Eriman E., Haliloglu S.  
Turkiye Fiziksel Tip ve Rehabilitasyon Dergisi, vol.61, no.1, pp.58-64, 2015 (Journal Indexed in SCI Expanded)
- XII. **Reply to the letter to the Editor by Derakhshan: Laterality of motor control and breathing**  
Voyvoda N., Karatas G. K.  
British Journal of Radiology, vol.85, no.1012, pp.469, 2012 (Journal Indexed in SCI Expanded)
- XIII. **Prospective evaluation of free radicals and antioxidant activity following 6-month risedronate treatment in patients with postmenopausal osteoporosis**  
ZİNNUROĞLU M., SEPİCİ DİNÇEL A., Kosova F., Sepici V., KARATAŞ G. K.  
RHEUMATOLOGY INTERNATIONAL, vol.32, no.4, pp.875-880, 2012 (Journal Indexed in SCI)
- XIV. **An evaluation of diaphragmatic movements in hemiplegic patients.**  
Voyvoda N., Yucel C., Karatas G. K. , Oguzulgen İ. K. , Oktar S.

- The British journal of radiology, vol.85, no.1012, pp.411-4, 2012 (Journal Indexed in SCI Expanded)
- XV. **The Effect of Straight Leg Raising Test on Tibial F-wave Parameters in a Group of Healthy Volunteers**  
GÜNENDİ Z., KARATAŞ G. K. , Keles Z.  
TURKIYE FIZIKSEL TIP VE REHABILITASYON DERGISI-TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.57, no.4, pp.221-224, 2011 (Journal Indexed in SCI)
- XVI. **Revisiting Length of Stay in Stroke Rehabilitation in Turkey**  
Ozyemisci-Taskiran O., GÜNENDİ Z., Aknar O., KARATAŞ G. K. , Sepici V.  
ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION, vol.92, no.2, pp.257-264, 2011 (Journal Indexed in SCI)
- XVII. **Cerebrovascular Accident Following Unprescribed Use of Sildenafil: Is it Underestimated?**  
ZİNNUROĞLU M., NAZLIEL B., KARATAŞ G. K. , Orucoglu N., Kocer B.  
TURKIYE FIZIKSEL TIP VE REHABILITASYON DERGISI-TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.56, no.4, pp.204-206, 2010 (Journal Indexed in SCI)
- XVIII. **The effect of arm sling on balance in patients with hemiplegia**  
Acai M., KARATAŞ G. K.  
GAIT & POSTURE, vol.32, no.4, pp.641-644, 2010 (Journal Indexed in SCI)
- XIX. **Do anticholinergics affect reaction time? A possible impact on the course of rehabilitation**  
KARATAŞ G. K. , GÜNENDİ Z.  
NEUROREHABILITATION, vol.27, no.2, pp.141-145, 2010 (Journal Indexed in SSCI)
- XX. **OBSTRUCTIVE SLEEP APNEA IN ISCHEMIC STROKE PATIENTS**  
Tosun A., Koektuerk O., Karatas G. K. , ULUKAVAK ÇİFTÇİ T., Sepici V.  
CLINICS, vol.63, no.5, pp.625-630, 2008 (Journal Indexed in SCI)
- XXI. **Diffuse cavernous haemangioma complicated with regional osteoporosis**  
GÜNENDİ Z., KARATAŞ G. K. , Sepici V.  
RHEUMATOLOGY INTERNATIONAL, vol.28, no.10, pp.1041-1043, 2008 (Journal Indexed in SCI)
- XXII. **Center-of-pressure displacement during postural changes in relation to pressure ulcers in spinal cord-injured patients.**  
Kaymak G. K. , Tosun A. K. , KANATLI U.  
American journal of physical medicine & rehabilitation, vol.87, no.3, pp.177-82, 2008 (Journal Indexed in SCI Expanded)
- XXIII. **Heterotopic ossification due to neuromuscular blocking agent in adult respiratory distress syndrome. A case report**  
Zynnurodlu M., Karatap G. K. , Sepycy V.  
European Journal of Physical and Rehabilitation Medicine, vol.44, no.1, pp.81-85, 2008 (Journal Indexed in SCI Expanded)
- XXIV. **Upper extremity problems in paraplegic patients: Review**  
Tosun A., KARATAŞ G. K.  
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.27, no.2, pp.231-235, 2007 (Journal Indexed in SCI)
- XXV. **The association between total antioxidant status and oxidative stress in Behcet's disease**  
Sepici-Dincel A., ÖZKAN Y., Yardim-Akaydin S., Kaymak-Karatas G. K. , Onder M., Simsek B.  
RHEUMATOLOGY INTERNATIONAL, vol.26, no.11, pp.1005-1009, 2006 (Journal Indexed in SCI)
- XXVI. **A handicap in treatment and follow-up of ankylosing spondylitis: sports hematuria.**  
Ozyemisci O., Karatas G. K. , Celikmez S., Babaoglu I.  
Clinical rheumatology, vol.23, no.6, pp.544-7, 2004 (Journal Indexed in SCI Expanded)
- XXVII. **Acute gouty arthritis during pyrazinamide treatment: a case report.**  
Tosun A. K. , Koca N. T. , Karatas G. K.  
Modern rheumatology, vol.14, pp.306-8, 2004 (Journal Indexed in SCI Expanded)
- XXVIII. **Suprascapular nerve entrapment in newsreel cameramen.**  
Karatas G. K. , Gogus F.  
American journal of physical medicine & rehabilitation, vol.82, no.3, pp.192-6, 2003 (Journal Indexed in SCI)

- Expanded)
- XXIX. **Autonomic nervous system involvement in Behçet's disease.**  
Karatas G. K. , Onder M., Meray J.  
Rheumatology international, vol.22, no.4, pp.155-9, 2002 (Journal Indexed in SCI Expanded)
- XXX. **Suprascapular nerve block for pain relief in adhesive capsulitis: comparison of 2 different techniques.**  
Karatas G. K. , Meray J.  
Archives of physical medicine and rehabilitation, vol.83, no.5, pp.593-7, 2002 (Journal Indexed in SCI Expanded)
- XXXI. **Mercury poisoning: an unusual cause of polyarthritis.**  
Karatas G. K. , Tosun A., Karacehennem E., Sepici V.  
Clinical rheumatology, vol.21, no.1, pp.73-5, 2002 (Journal Indexed in SCI Expanded)
- XXXII. **Reliability of isokinetic trunk muscle strength measurement.**  
Karatas G. K. , Gogus F., Meray J.  
American journal of physical medicine & rehabilitation, vol.81, no.2, pp.79-85, 2002 (Journal Indexed in SCI Expanded)
- XXXIII. **Fall frequency in 6 months period and risk factors for fall in geriatric population living in Ankara-Gölbaşı district Ankara-Gölbaşı ilçesinde geriatrik popülasyonda 6 aylık dönemde düşme sıklığı ve düşme için risk faktörleri**  
KARATAŞ G. K. , Maral I.  
Turk Geriatri Dergisi, vol.4, no.4, pp.152-158, 2001 (Journal Indexed in SCI Expanded)
- XXXIV. **Hand orthosis as a writing aid in writer's cramp.**  
Tas N., Karatas G. K. , Sepici V.  
Movement disorders : official journal of the Movement Disorder Society, vol.16, no.6, pp.1185-9, 2001 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **Assessment of the Relationship Between Vitamin D Level and Non-specific Musculoskeletal System Pain: A Multicenter Retrospective Study (Stroke Study Group)**  
Karahan A. Y. , Huner B., Kuran B., Sezer N., Celik C., Salbas E., Ordahan B., Karaca G., Yilmaz H., Gunduz B., et al.  
TURK OSTEOPOROZ DERGISI-TURKISH JOURNAL OF OSTEOPOROSIS, vol.23, no.2, pp.61-66, 2017 (Journal Indexed in ESCI)
- II. **Is there a relationship between dysphagia and oral Candida colonization in stroke patients**  
MENÇİ G., CAN GENÇAY A., BERK E., KALKANCI A., KARATAŞ G. K.  
Journal of Physical Medicine and Rehabilitation Sciences, 2016 (Other Refereed National Journals)
- III. **Evaluation of the compound muscle action potential in diagnosis of the mild carpal tunnel syndrome**  
alcan v., ZİNNUROĞLU M., KARATAŞ G. K. , CANAL M. R.  
IJAMEC, 2016 (Refereed Journals of Other Institutions)
- IV. **Hand grip strength and affecting factors in fibromyalgia Fibromyaljide el kavrama kuvveti ve etkileyen faktörler**  
GÜNENDİ Z., Ozyemisci Taskiran O., Soytürk Özseren Y., Kaymak Karataş G. K.  
Journal of Rheumatology and Medical Rehabilitation, vol.16, no.1, pp.18-23, 2005 (Refereed Journals of Other Institutions)
- V. **Obstructive sleep apnea in stroke patients: Clinical preliminary study İnmeli hastalarda obstrüktif uyku apne sendromu: Klinik on çalışma**  
Tosun A., KÖKTÜRK O., Kaymak Karataş G. K. , ULUKAVAK ÇİFTÇİ T., Sepici V., Türe D.  
Journal of Rheumatology and Medical Rehabilitation, vol.16, no.1, pp.31-35, 2005 (Refereed Journals of Other Institutions)
- VI. **Comparison of rehabilitation outcome in patients with traumatic and non-traumatic spinal cord injury Travmatik ve non-travmatik spinal kord hasari olan hastalarda rehabilitasyon sonuçlarının**

### **karşılaş tirilmesi**

KARATAŞ G. K. , Sepici V.

Journal of Rheumatology and Medical Rehabilitation, vol.13, no.2, pp.118-121, 2002 (Refereed Journals of Other Institutions)

### **VII. Sympathetic skin responses in stroke patients İnmeli hastalarda sempatik deri yanıtları**

Kaymak Karataş G. K. , MERAY J.

Journal of Rheumatology and Medical Rehabilitation, vol.13, no.1, pp.41-44, 2002 (Refereed Journals of Other Institutions)

### **VIII. Staphylococcus aureus and beta haemolytic streptococcus colonization in patients with rheumatoid arthritis Romatoid artrit hastalarında staphylococcus aureus ve beta hemolitik streptokok kolonizasyonu**

Kaymak Karataş G. K. , HIZEL K., Göğüs F., Yetkin F.

Journal of Rheumatology and Medical Rehabilitation, vol.13, no.1, pp.20-24, 2002 (Refereed Journals of Other Institutions)

### **IX. Quantitative assessment of shoulder rotator muscles spasticity in hemiplegia and its relationship with shoulder pain Hemiplejide omuz rotator kaslarındaki spastisi tenin kantitatif değerlendirilmesi ve omuz ağrısı ile ilişkisi**

Kaymak Karataş G. K. , Sepici V.

Journal of Rheumatology and Medical Rehabilitation, vol.12, no.4, pp.240-245, 2001 (Refereed Journals of Other Institutions)

## **Books & Book Chapters**

### **I. İnme Rehabilitasyonu**

KARATAŞ G. K.

in: Fiziksel Tıp ve Rehabilitasyon, Mehmet Beyazova, Yeşim Gökçe Kutsal, Editor, Güneş Tıp Kitabevleri, Ankara, pp.2267-2289, 2016

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. THE EFFECT OF VIRTUAL REALITY EXERCISES ON PAIN, FUNCTIONALITY, CARDIOPULMONARY CAPACITY AND QUALITY OF LIFE IN FIBROMYALGIA SYNDROME: A RANDOMIZED, SINGLE-BLIND, CONTROLLED STUDY**

Polat M., Kahveci A., GÜNENDİ Z., KARATAŞ G. K.

Annual European Congress of Rheumatology (EULAR), Madrid, Spain, 12 - 15 June 2019, vol.78, pp.526

### **II. ROMATOİD ARTRİT TANISI İLE TAKİP EDİLMİŞ SİRİNGOMİYELİ OLGUSU**

UNUTMUŞ S., UÇKUN A., GÜVEN S. C. , ULUCAKÖY R. K. , ÖZDEMİR B., ZİNNUROĞLU M., KARATAŞ G. K.

19. Ulusal Romatoloji Kongresi, Muğla, Turkey, 26 - 30 September 2018, vol.10

### **III. Analysis of free text in electronic health records by using text mining methods**

KAYA H., ALCAN V., ZİNNUROĞLU M., KARATAŞ G. K. , ÇOBAN S., DOLGUN M., DENİZ S.

7th International Conference on Advanced Technologies(ICAT'18), Antalya, Turkey, 28 April - 01 May 2018, pp.547-553

### **IV. İnmede spastisite ve tedavi yaklaşımları**

KARATAŞ G. K.

İnme Rehabilitasyonu Sempozyumu II "Motor Fonksiyon Restorasyonu", Turkey, 04 November 2017

### **V. İskemik inmeli hastalarda ikili görev performansının denge ve yürümeyle ilişkisinin incelenmesi**

MUCİ B., KESER İ., KARATAŞ G. K.

2. Ulusal Sağlık Bilimleri Kongresi, Turkey, 24 - 25 November 2016

### **VI. Evaluation of the compound muscle action potential in diagnosis of the mild carpal tunnel syndrome**

ALCAN V., ZİNNUROĞLU M., KARATAŞ G. K. , CANAL M. R.

ICAT'16, 1 - 03 September 2016

**VII. Radial sinir scwhannomu**

KARAER T., ZİNNUROĞLU M., KARATAŞ G. K. , ÖZÇAKAR L.

TURK-MUS-I Multidisipliner Ultrasonografi Sempozyumu, Turkey, 18 - 20 February 2016

**VIII. Total diz artroplastisi sonrası gelişen common peroneal sinir hasarı**

METİN Ş., ZİNNUROĞLU M., KARATAŞ G. K.

25. Ulusal Fiziksel Tıp Ve Rehabilitasyon Kongresi, Turkey, 22 - 26 April 2015

**IX. Kronik obstrüktif akciğer hastalığında el kavrama kuvveti ve etkileyen faktörler**

Turan Z., ÖZYEMİŞÇİ TAŞKIRAN Ö., Erden Z., KÖKTÜRK N., KARATAŞ G. K.

25. Ulusal Fiziksel Tıp Ve Rehabilitasyon Kongresi, Turkey, 22 - 24 April 2015

**X. Short Term Rehabilitation Outcomes Of Patients With Rasmussen Encephalitis After Hemispherotomy**

ERDURAN E., KARATAŞ G. K. , KURT G.

The World Federation for NeuroRehabilitation Presents its Biennial Congress, 16 - 19 May 2012

## Supported Projects

KARATAŞ G. K. , Project Supported by Higher Education Institutions, Hemiplejide sanal gerçeklik uygulamalarının denge üzerine etkisi, 2009 - 2013

## Citations

Total Citations (WOS):307

h-index (WOS):10